

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068230.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 12:32
 Operator : YP/AJ
 Sample : PB166603BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166603BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e

Quant Time: Feb 07 22:13:27 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.848	4024153	34.992 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T n-Nonane (C9)	3.210	2768445	20.217 ug/mlm
2) T n-Decane (C10)	4.268	3217514	23.176 ug/mlm
4) T n-Dodecane (C12)	6.277	3609534	25.838 ug/ml
6) T n-Tetradecane (C14)	8.066	4081119	29.903 ug/ml
7) T n-Hexadecane (C16)	9.662	4373387	31.475 ug/ml
8) T n-Octadecane (C18)	11.100	4566354	32.636 ug/ml
10) T n-Eicosane (C20)	12.407	4928691	36.836 ug/mlm
11) T n-Heneicosane (C21)	13.018	4739046	36.082 ug/ml
13) T n-Docosane (C22)	13.602	4720106	36.439 ug/ml
14) T n-Tetracosane (C24)	14.703	4658524	36.285 ug/ml
15) T n-Hexacosane (C26)	15.723	4567364	36.296 ug/ml
16) T n-Octacosane (C28)	16.670	4486341	35.870 ug/ml
17) T n-Tricontane (C30)	17.556	4513557	34.920 ug/ml
18) T n-Dotriacontane (C32)	18.387	4447542	35.577 ug/ml
19) T n-Tetratriacontane (C34)	19.170	4411470	40.668 ug/ml
20) T n-Hexatriacontane (C36)	19.908	4305781	46.527 ug/ml
21) T n-Octatriacontane (C38)	20.619	4473891	52.211 ug/mlm
22) T n-Tetracontane (C40)	21.480	4763491	58.911 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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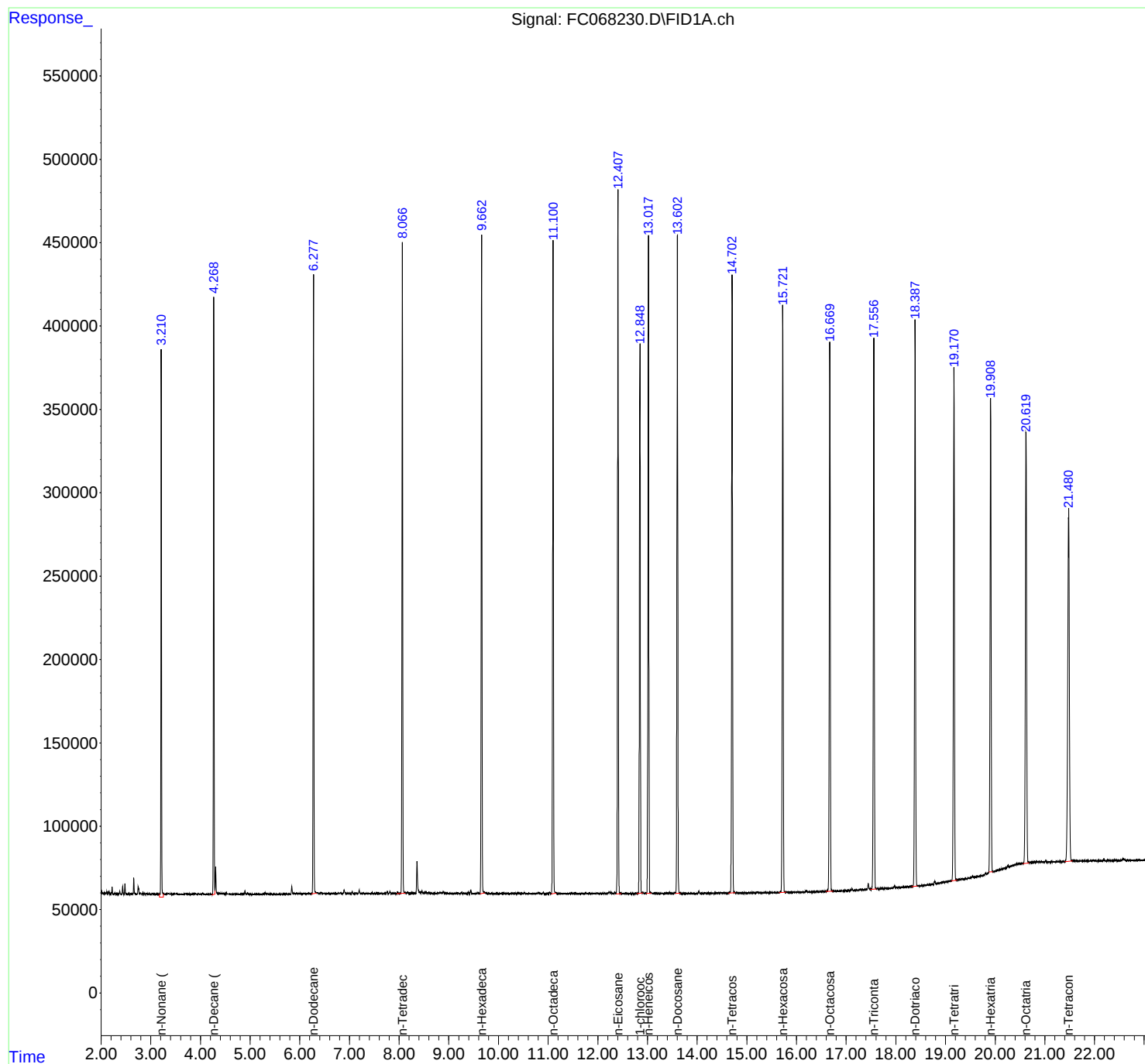
Response via : Initial Calibration

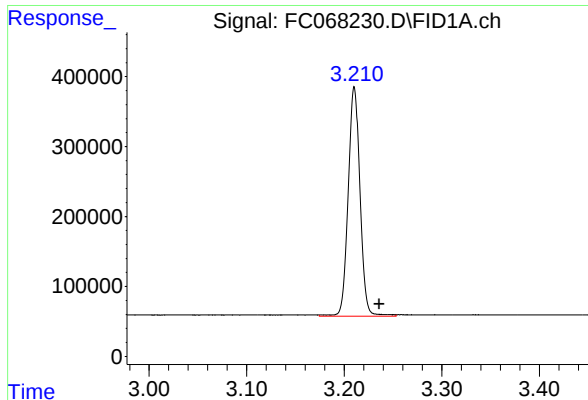
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





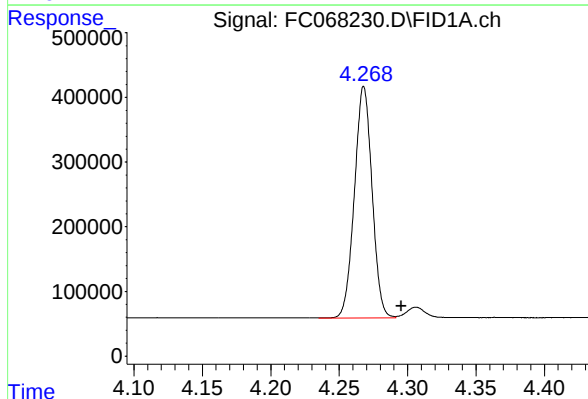
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.026 min
Response: 2768445
Conc: 20.22 ug/ml

Instrument :
FID_C
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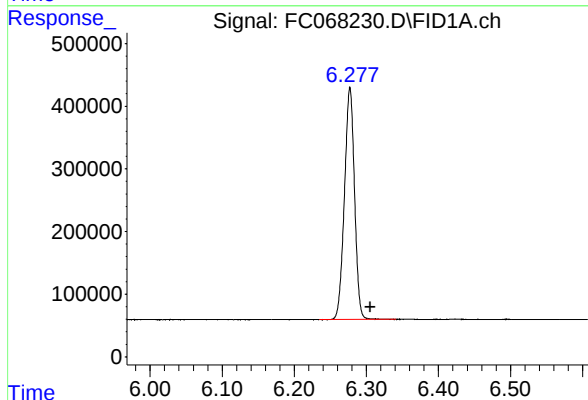
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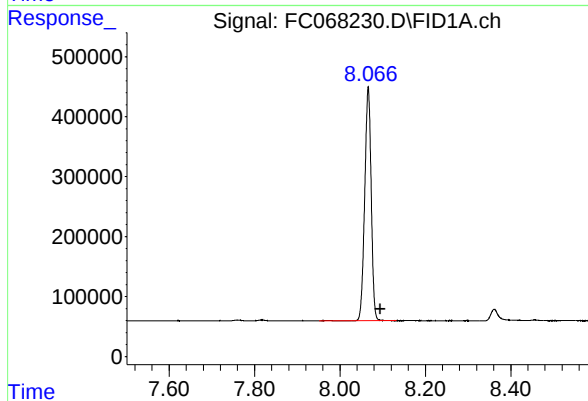
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.028 min
Response: 3217514
Conc: 23.18 ug/ml



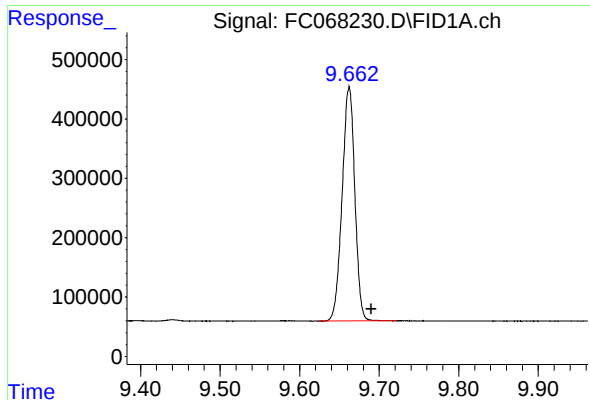
#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: -0.028 min
Response: 3609534
Conc: 25.84 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: -0.028 min
Response: 4081119
Conc: 29.90 ug/ml



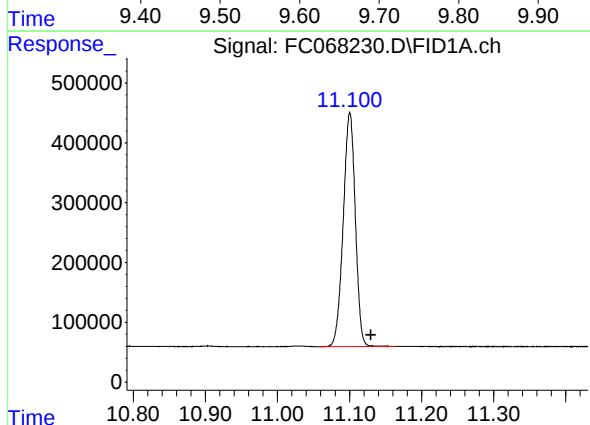
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 4373387
Conc: 31.47 ug/ml

Instrument :
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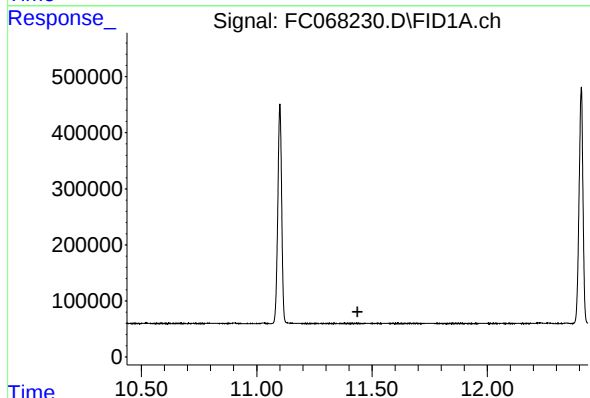
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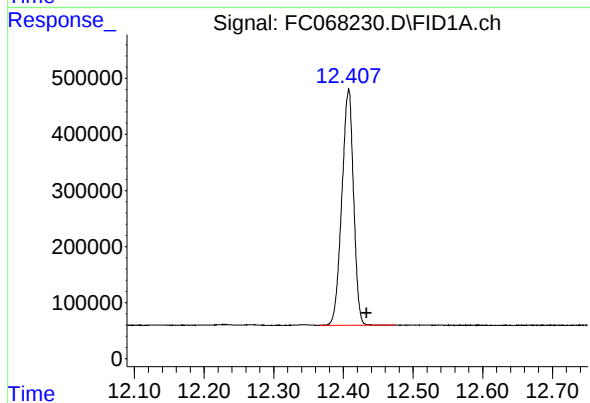
#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.029 min
Response: 4566354
Conc: 32.64 ug/ml



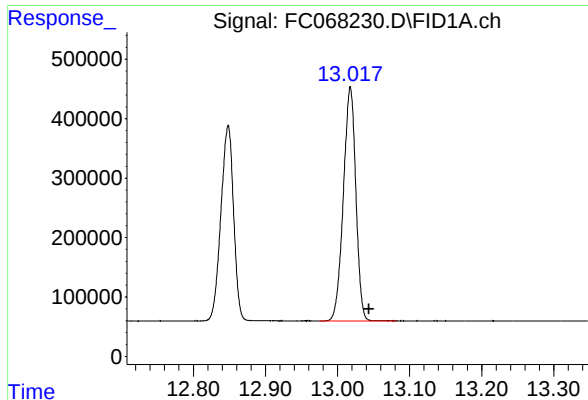
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.407 min
Delta R.T.: -0.026 min
Response: 4928691
Conc: 36.84 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.018 min
Delta R.T.: -0.026 min
Response: 4739046
Conc: 36.08 ug/ml

Instrument :

FID_C

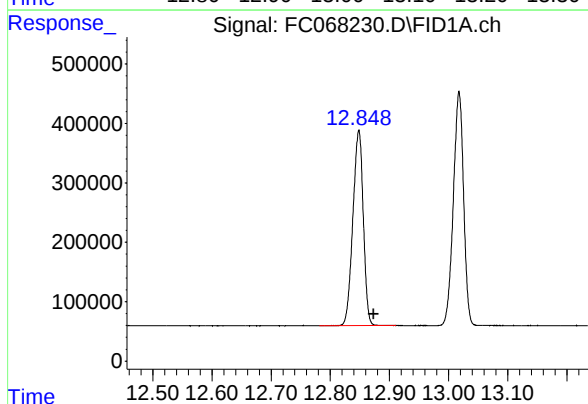
ClientSampleId :

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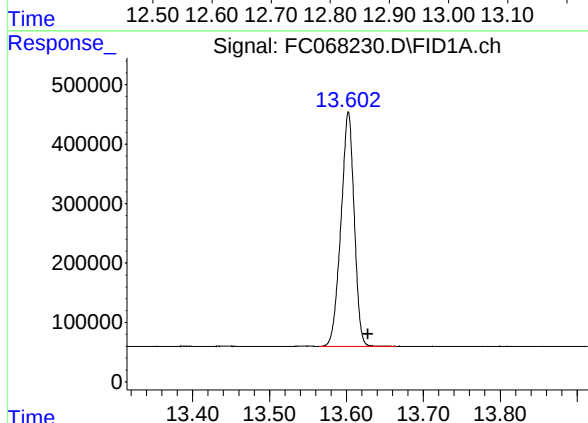
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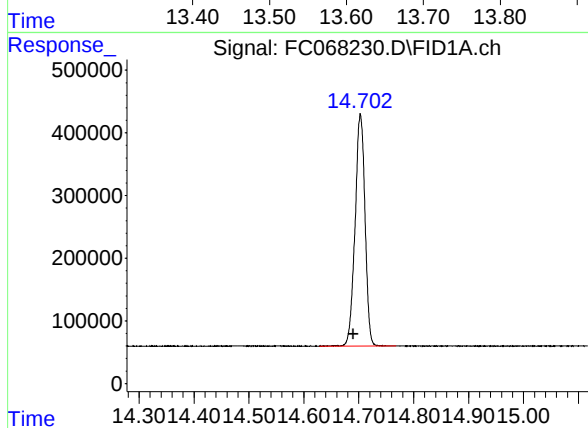
#12 1-chlorooctadecane (SURR)

R.T.: 12.848 min
Delta R.T.: -0.026 min
Response: 4024153
Conc: 34.99 ug/ml



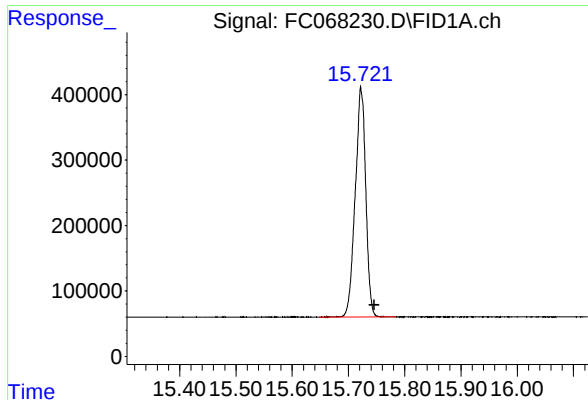
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.026 min
Response: 4720106
Conc: 36.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.013 min
Response: 4658524
Conc: 36.29 ug/ml



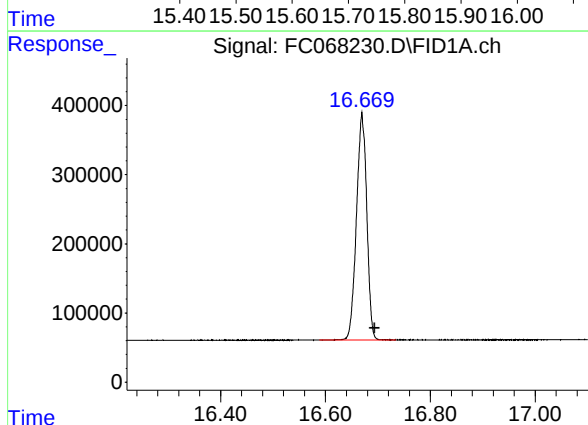
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: -0.024 min
Response: 4567364
Conc: 36.30 ug/ml

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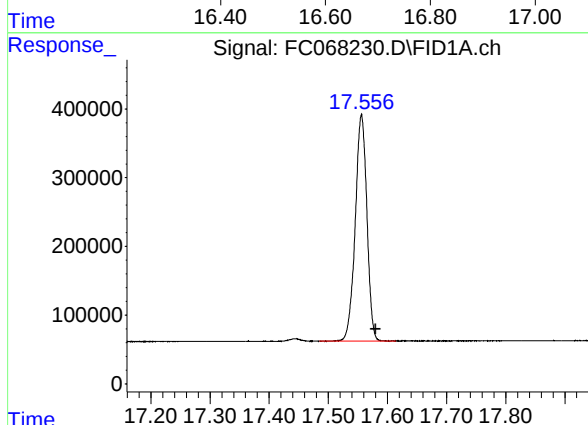
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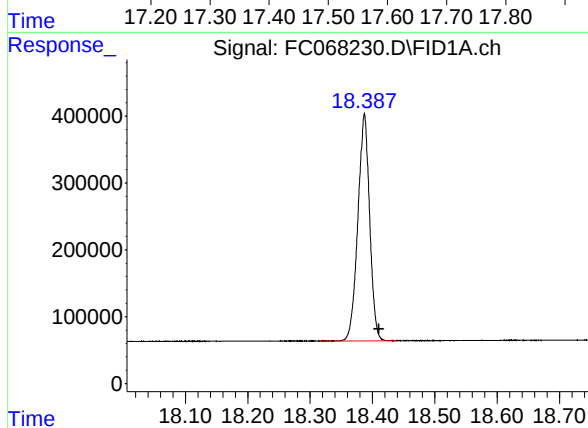
#16 n-Octacosane (C28)

R.T.: 16.670 min
Delta R.T.: -0.024 min
Response: 4486341
Conc: 35.87 ug/ml



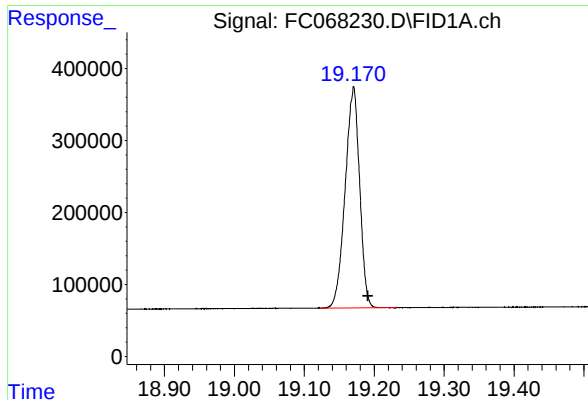
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.024 min
Response: 4513557
Conc: 34.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.387 min
Delta R.T.: -0.023 min
Response: 4447542
Conc: 35.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: -0.021 min
Response: 4411470
Conc: 40.67 ug/ml

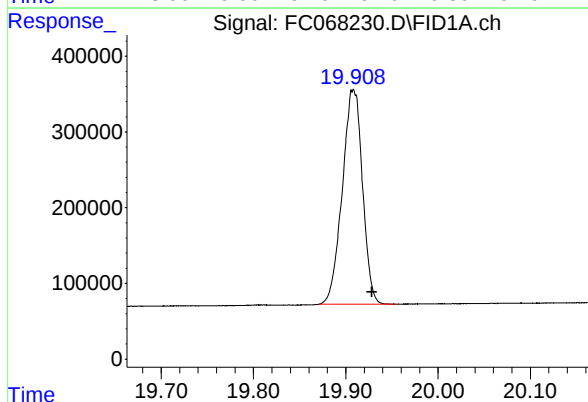
Instrument :

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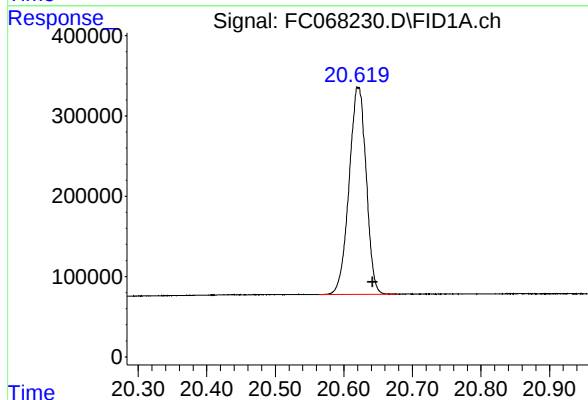
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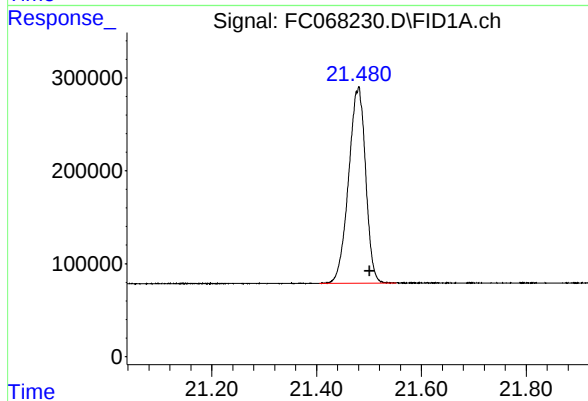
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: -0.020 min
Response: 4305781
Conc: 46.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: -0.023 min
Response: 4473891
Conc: 52.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: -0.021 min
Response: 4763491
Conc: 58.91 ug/ml m